Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (previously presented) A low-pressure gas discharge lamp, comprising:

a gas discharge vessel containing an inert gas filling and $2x10^{-11}$ to $2x10^{-9}$ mole/cm^3 of tin halides in a gas phase;

electrodes; and

means for generating and maintaining a low-pressure gas discharge.

Claim 2 (Canceled)

Claim 3 (previously presented) A low-pressure gas discharge lamp comprising:

a gas discharge vessel containing an inert gas and approximately 2 x 10^{-10} mole/cm^3 of tin halides in the gas phase, corresponding to an operational pressure of

approximately 10 μbar;

electrodes; and

means for generating and maintaining a low-pressure gas discharge.

Claim 4 (currently amended): A low-pressure gas discharge lamp comprising:

a gas discharge vessel containing an inert gas filling including at least one tin halide which is a chloride, bromide or iodide;

electrodes; and

means for generating and maintaining a low-pressure gas discharge, wherein a wall temperature of T* ±50 K is set, and wherein T* is 220° C ~~for~~ if the at least one tin halide is tin chloride, 230° C if the at least one tin halide is ~~for~~ tin bromide, and 275° C if the at least one tin halide is ~~for~~ tin iodide.

Claim 5 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, wherein a gas pressure

of the inert gas lies in between 1 and 5 mbar.

Claim 6 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, wherein a UV radiation emitted as a result of the discharge is converted into visible radiation by means of suitable fluorescent materials.

Claim 7 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, wherein walls of the discharge device comprise quartz, Al_2O_3, or yttrium-aluminum garnet.

Claim 8 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, wherein the discharge can be excited inductively or capacitively with external electrodes and a high-frequency alternating field.

Claim 9 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, wherein the electrodes

comprise conductive materials.

Claim 10 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, wherein the electrodes are provided with a material of low work function.

Claim 11 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, wherein the electrodes comprise rhenium.

Claim 12 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, wherein the electrodes comprise tungsten.

Claim 13 (previously presented): The low-pressure gas discharge lamp as claimed in claim 1, further comprising a fluorescent coating on an outer surface of the gas discharge vessel.